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APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/600,418 06/21/2003		Randy D. Akins	7011		
7590 08/09/2005			EXAMINER		
Randy D. Ak P.O. Box 9168		WU, XIAO MIN			
Tucson, AZ	=		ART UNIT PAPER NUMBER		
			2674		
			DATE MAILED: 08/09/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner			Application	n No.	Applicant(s)			
XIAO M. WU 2674	Office Action Summary		10/600,41	8	AKINS, RANDY D.			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Edemics of team maybe exhibite useful be provided and of 2.FR 1.13(o). In no event, however, may a reply be timely filed Ethics of team maybe exhibite useful be provided useful be provided useful be provided useful be provided for reply specified above. Its maximum stations protein within the statistory minimum of bibity (30) seps will be considered timely. If the period for reply specified above is less than thiny (30) days, a reply within the statistory minimum of bibity (30) seps will be considered timely. If the period for reply specified above is less than thiny (30) days, a reply within the stationy minimum of bibity (30) seps will be considered timely. If the period for reply specified above is less than thiny (30) days, a reply within the stationy minimum of bibity (30) seps will be considered timely. If the period for reply specified above is less than thiny (30) days, a reply within the stationy minimum of bibity (30) seps will be considered timely. If the period for reply specified above is less than thiny (30) days and well period to second advanced timely. If the period for reply specified above is less than thiny (30) days and well period to second advanced timely days. If the period for reply specified times the mailing days of the communication, seen if thiny days, may reply days. If the period for reply specified times the mailing days of the communication, seen if thiny days, may reply days and wellow (30) days and well and seen			Examiner		Art Unit			
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THE MAILLING DATE OF THIS COMMUNICATION. Edenision of time may be variable under the provision of 3 of ER 1.13(6). In no event, however, may a reply be timely filed after SX (6) MONTHS from the mailing date of this communication. Following the communication of the communication o			appears on the	cover sheet with the c	orrespondence address			
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2a) This action is FINAL. 2b) This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-3 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5 Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 8 Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10 The drawing(s) filed on is/are: all accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1 Certified copies of the priority documents have been received in Application No. application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(e) 1) Notice of Prafspersor's Patent Drawing Review (PTO-948) plone (PTO-152) Notice of Informal Patent Application (PTO-152)	Status							
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Application/Control Number: 10/600,418

Art Unit: 2674

DETAILED ACTION

Claim Rejections - 35 USC § 112

- 1. The following is a quotation of the second paragraph of 35 U.S.C. 112:
 - The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 2. Claims 1-3 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, the limitation of "(each button being a different color and number)" is indefinite because it is not a right format to further define the claim limitation by using (...).

In claim 2, the limitation of "a port t connect said electrical wire to said display screen in accordance with claim 1" is indefinite because it is not understood whether the claim 2 stands alone or it depends from claim 1,

In claim 3, the claimed language is confusing. It is not clearly how this claim related to claim 1 since claim 1 doe not recite "first display screen", "left-side of the housing" and "right side of the housing

3. Claims 1-3 are rejected as failing to define the invention in the manner required by 35 U.S.C. 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent(s) cited.

Application/Control Number: 10/600,418

Art Unit: 2674

Claim Rejections - 35 USC § 103

Page 3

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 5. Claims 1-3 as being best understood are rejected under 35 U.S.C. 103(a) as being unpatentable over Tsuchiya (US patent No. 5,239,665) in view of Menard et al. (US 2004/0218732), Feinstein (US 2002/0190947) and Loh et al. (US Patent No. 5,530,234).

As to claim 1, Tsuchiya discloses a computerized image-advancing-display apparatus comprising: a flat panel LCD (2, Fig. 1) having a thin and durable housing with interior space for wiring and components surrounding top-edge, bottom-edge, left-edge and the back-side of the screen (see Figs. 1 and 2); navigational-input buttons (3); a computer-on—a-chip (11, Fig. 5); a carrying handle (Fig. 3); ports for common household electrical current and rechargeable battery-packs ((28, 29, Fig. 5); and a wireless communication between the devices (Fig. 9).

It is noted that Tsuchiya does not specifically disclose the navigational-input buttons including colors and numbers. Menard is cited to teach a portable computer device similar to Tsuchiya. Menard further discloses a plurality of key can include both numbers and colors to distinct the functions of the keys (page 2, [0025]). It would have been obvious to one of ordinary skill in the art to have modified Tsuchiya with the features of the keys as taught by Menard so as to distinct the function of the key in a simple way.

It is also noted that both Tsuchiya and Menard do not disclose voice recognition.

However, using voice recognition in a portable computer is well known in the art such as taught

Art Unit: 2674

by Feinstein (see abstract). It would have been obvious to one of ordinary skill in the art to have modified Tsuchiya and Menard with the features of the voice recognition as taught by Feinstein so as to input an voice command to the computer without touching the keys.

Furthermore, it is noted that Tsuchiya, Menard, and Feinstein do not disclose a durable-protective cover slides down the entire surface to cover the front side of the screen. Lob is cited to teach a portable computer includes a front cover which can be slide down to cover the display screen and buttons. It would have been obvious to one of ordinary skill in the art to have modified Tsuchiya, Menard and Feinstein with the protective cover as taught by Lob so as to protect the display screen.

As to claim 2, it is well known in the art the computer box (e.g. personal pc) including a CD-ROM, DVD, floppy drives; port for memory cards, USB, Ethernet, port for keyboard, audioin and out ports, a port connect to another computer, power supply, a light for indicating the power on, rubber feet for support cushion, a cooling fan.

As to claim 3, Tsuchiya further discloses the buttons on both side of the display (see Fig. 1).

Conclusion

- 6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The US 4,779,510, 5,199,1045,209,665, 5,467,102, 5,475,399, 5,534,888, 5,761,485, 5,828,768, 6,483,019, 6,766,332, 6,751,473, 2003/0104850, 2003/0165047 are cited to teach a portable computer device.
- 7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to XIAO M. WU whose telephone number is 571-272-7761. The examiner can normally be reached on 6:30 am to 4:00 pm.

Application/Control Number: 10/600,418

Art Unit: 2674

Page 5

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, PATRICK EDOUARD, can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 $\mathbf{X}.\mathbf{W}.$

August 8, 2005

XIAO M. WU Primary Examiner Art Unit 2674